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\* **SMUG BYTES**

\* Volume 8, Number 1  
\* January 1991

\* Subscriptions = \$10.00 per year

\* or free with swap. Send to:

\* SINCLAIR MILWAUKEE USERS GROUP  
\* P.O. Box 101, Butler WI 53007

\* **THIS MONTH:**

\* - Name, Address and Phone  
\* List

\* - Meeting Notes

\* - More On The Digitizer

\* - Presidents Program

\* - And Other Great Things

\* If any articles are copied  
\* please credit SMUG BYTES  
\* and the author.

\* **NEXT MEETING DATE: 02/06/91**

\* SEE YOU THERE

\* Send all contributions by the  
\* 3rd Wednesday of the month to:

\* Bill Heberlein  
\* Editor  
\* SMUG BYTES  
\* 5052 N. 91st Street  
\* Milwaukee WI 53225-4129

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\* **1991 OFFICERS  
& WORKING  
MEMBERS**

\* All Area Codes Are 414

\* President - Bill Heberlein  
\* - 527 2191

\* V. Pres. - Neal Schultz  
\* - 353 4522

\* Secretary - Bud Dankert  
\* - 253 0193

\* Treasurer - R. Cultice  
\* - 542 3591

\* Education - R. Cultice  
\* - 542 3591

\* - Librarians

\* Tape/Disk - E. Pawlowski  
\* 1 - 338 0260

\* Book - D. Nickel  
\* 1 - 284 9691

\* - Sub Group Leaders

\* "C" - R. Cultice

\* Meeting Alt. Sundays of the month  
\* - 542 3591

\* Games - N. Schultz

\* Meeting 3rd Saturday of the month  
\* - 353 4522

\* Hardware - G. Kraemer

\* Meet - no set date. Call for info.  
\* - 421 0179

\* QL - R. Hilsman

\* Meeting 3rd Wednesday of month  
\* - 251 5291

\* Spectrum - R. Hilsman

\* Meeting 3rd Wednesday of month  
\* - 251 5291

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(NOTE NEITHER ANY AUTHOR OR SMUG BYTES TAKES ANY RESPONSIBILITY  
FOR ANY HARDWARE MODIFICATIONS TO YOUR EQUIPMENT.)

## Current Name And Address Membership List

Name	Phone No.	No.
Cultice, Richard Paid	542-3591	7
Dankert, Robert	253-0193	139
Doneis, Armin	344-4694	101
Dorf, Mark	639-1489	149
Dreger, Lloyd Paid	321-0694	97
Gardner, Jon	444-2474	147
Heberlein, Bill Paid	527-2191	108
Hilsmann, Rudy	251-5291	3
Kraemer, Gordon Paid	421-0179	49
Kussmann, Kenn	353-9311	176
Lorch, Duane	608-273-0847	156
Miller, Marty	Paid 252-4028	68
Nickel, Denis	Paid 1-284-9691	124
Pawloski, Ed	1-338-0260	13
Ramaker, Arnold	1-893-8865	183
Schram, John	765-8109	72
Schultz, Neal Paid	353-4522	2
Siegel, Jay	718-436-5367	182
Wallsteadt, Carl Paid		185
Zarling, Don	715-762-2641	184



To all the UNPAID members this is the last newsletter until you RENEW.

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\* \* IMAGE CAPTURE WITH THE S.M.U.G. B&W VIDEO DIGITIZER \* \*

AND BURLE TC-1501 B&W VIDEO CAMERA

AND "VIDEOTEX" VIDEO DIGITIZING SOFTWARE

AND "ART STUDIO" VIDEO IMAGE RETOUCHING PROGRAM

AND "WORD MASTER" / "TYPELINER" DESK TOP PRINTING PROGRAMS

I have enclosed a disk with all the original video camera images as well as the retouched versions, labeled "SLIDE SHOW", and large and small printouts in a folder. The disk is self explanatory. The large printouts of the retouched versions of the video images use patterns for paper and ink colors. Sometimes it seems better just to print them without colors, in black and white only, and not use the substitute patterns for the colors. I have enclose a color pattern palette page to demonstrate the specific patterns substituted for each color. The multi-image pages are printed in black and white only. These small images show how the "WORDMASTER" / "TYPELINER" programs changes the aspect ratio of its  $1 \times 1$  printout, elongating it vertically. For this reason I have enclosed a set of printouts of a  $160 \times 160$  dot block showing how each of the printout options of the "WORDMASTER" / "TYPELINERS" programs each change the aspect ratio of the original image differently. The last of these printouts of the  $160 \times 160$  dot block was made after using the "ART STUDIO"'s program RESCALE function to modify the image in order to get it to printout with the same aspect ratio as the original image through the "WORDMASTER" / "TYPELINER" programs. Lastly I have enclosed some photocopies of the original magazine and catalogue flat copy I used as video subjects. The images of the TS-2068 auxilliary power supply and the artificial fruit were real 3-D objects. The TS-2068 auxilliary power supply provides high and low regulated voltages and ground and is connected through a DIN connector to an OLIGER expansion board which is plugged into the back of the LARKEN ramdisk board, the artificial fruit is part of Linda's home decorating collection, which I got to a week before Linda was ready to place it out for the fall season. I found that the contrast of the video image could be controled by changing the F-stop ( lens iris opening ) of the lens I mounted to the camera. This is a 25mm, F 1.8 to F 22 lens from my 16mm BOLEX motion picture camera. The wider the apperature the higher the image contrast, and conversly the smaller the apperature the lower the image contrast. This is very useful in trying to match the kind of subject to the fixed separation of the video captures. The fact is that some complex subjects need to be digitized both at different overall levels and in addition at different contrast levels as well. This is what I did with the artificial fruit still life. These images were setup to be merged together and colored. Of course the use of the HI-RES screen display of the "EXTENDED PAINT" program with its  $1 \times 8$  attribute file would undoubtedly produce a better

colored retouched image but since I did not have a way to print those images I stuck with the standard SCREEN\$ display load / save operations which all programs noted in the titles above are capable of loading, processing, printing and saving. I suppose I will be tempted to upgrade the retouched images to a HI-RES versions in the next few months. The same is true for rescaling the retouched images so they can be printed out to the original aspect ratio. Let me know what you think of the disk and printout images. I know. I know. I may have over retouched them. I can not help myself sometimes. Enclose are copies of the SMUG video digitizer, VIDEOTEX program, and VIDEO CAMERA instruction manuals. I believe all the current draw backs, especially the very low image res and course printouts will be overcome with the use of a full frame digitizer whos data is accurately divided by software into separate images to be butt joined and printed through the "WORDMASTER"/"TYPELINER" programs. Let me know what you think of the enclosed material, and if you have any interest in getting into vidio digitising with the TS-2068 yourself.

Robert Shade

## COMPUTER AND PRINTER REPAIR

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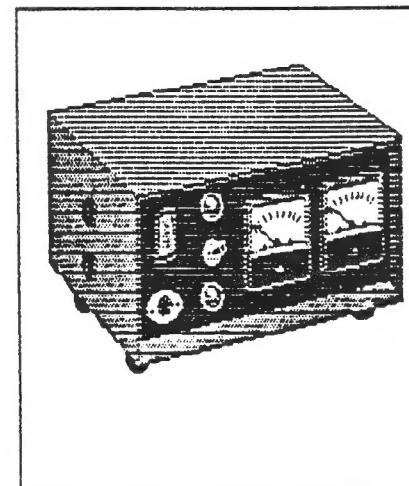
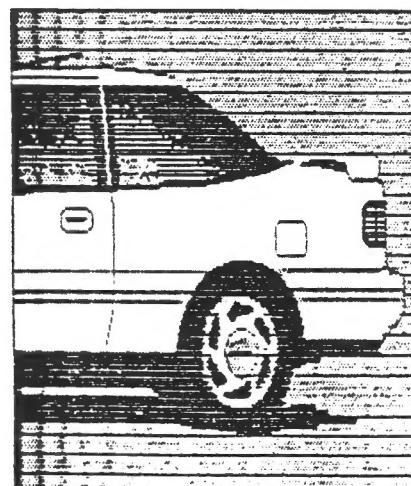
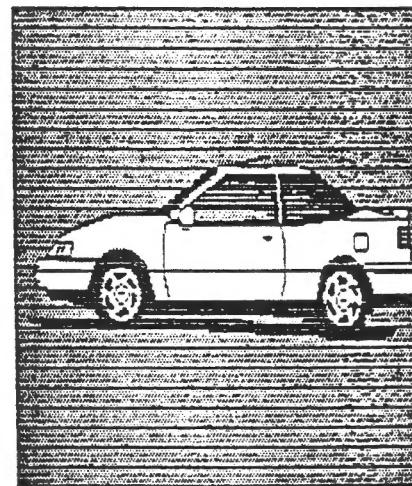
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PAGE - 1

## PRESIDENTS PROGRAM

We got the Indiana Newsletter and they said that the next Sinclair Computer Fest/Expo would not be in Indiana. Is there going to be a fest this year? We the Sinclair users would like to know. Put me down for a ticket and SMUG for a table. I also suspect there will be at least 5 other tickets purchased for our group. In fact we will be there with bells on and would be glad to supply a speaker or two.

Has anyone heard anything from SNUG? Quite a few Sinclairites signed up at the Milwaukee Expo and we are still waiting for something to happen. I know it is all volunteer but all we want is a small word on what is going on. I am sure all the newsletters and other publications would spread the word. We keep getting smaller.

Has anyone heard from any dealers? I still get my envelopes back from RMG but nobody else sends a catalog or a postcard. We are getting many letters from new and old users and don't know what to tell them.

Up coming events: For directions call. Chicagoland Computer Fair & Flea Mart. Orland Park Civic Center. Sun Feb. 10. Sun. March 10 and Sun. April 14, 1991. Michigan Crossroads Hamfest, Marshal High School, Marshal MI. Sat March 16. Lake County fairgrounds, Lamarsfest Grayslake, IL. Sun, March 24, 1991. Madison Swapfest & Computer Fair. Dane county expo center forum bldg. Sun. April 7, 1991. 8am & \$4 at the door. Swapfest, Cedarburg, WI. Sat. May 4. 8 to 1pm Circle B Rec. \$3 at door. Lakeshore Hamfest. Manitowoc County Expo. Sat. May 11, 1991. \$3 at door. Swapfest 91. Amer. Legion Post-Oak Creek. Sat. July 6, 1991. SMARC. Hamfest & Computer Expo. Eau Clair WI. Sat. July 27, 1991. \$3 at the door.

Please note all you digitizer's out there. John McMichaels has a new print program for the digitized pictures. I have not seen any output from it but if it is anything like his other programs it must be good.

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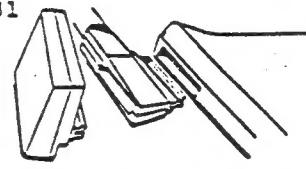
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# GIGO OR IN OTHER WORDS THE MEETING

Well the meeting was sparsely attended again. I brought the mugs, hot from the oven, to the meeting. Those attending picked up their mug. We were quoted a price of 4.50 per mug but the dealer said the quote was incorrect. The cost would be 6.50 plus .15 for color. I decided the club would spring for most of the difference. The mugs will cost you \$5. This includes tax.

There were three letters and two were distributed for answering and I will handle the other.

In keeping with the SMUG birthday theme there were doughnuts and soda available complements of SMUG. If you weren't there you missed it.

Again please read the newsletters we get. This can keep you up on what is going on in the Sinclair community.

You've heard of PROFILE 2968.

You may have even heard of PROFILE +3!  
But we are willing to bet that you have never heard of:

## PROFILE +51

That's right! PROFILE +5! A great new addition to the line of PROFILE updates. We have used all of the various versions of this program and can honestly say that this is the ULTIMATE PROFILE!

+5 contains all of the features of PROFILE 2068 and +3 a well as all of the new features of TOM WOODS' PROFILE CARTRIDGE! Including the 'NOT' and 'OR' search routines. It also lets you print in 80 columns! It still has the 'NAME REVERSAL' print feature and the 'EDIT A PHRASE' menu option. You can now 'MERGE' files, 'DATE' files and make use of the great machine code sort routine!

All of this is available in several ways, if you already own one or more versions of PROFILE, you will be able to save some money on this version. the complete program on cassette available for:

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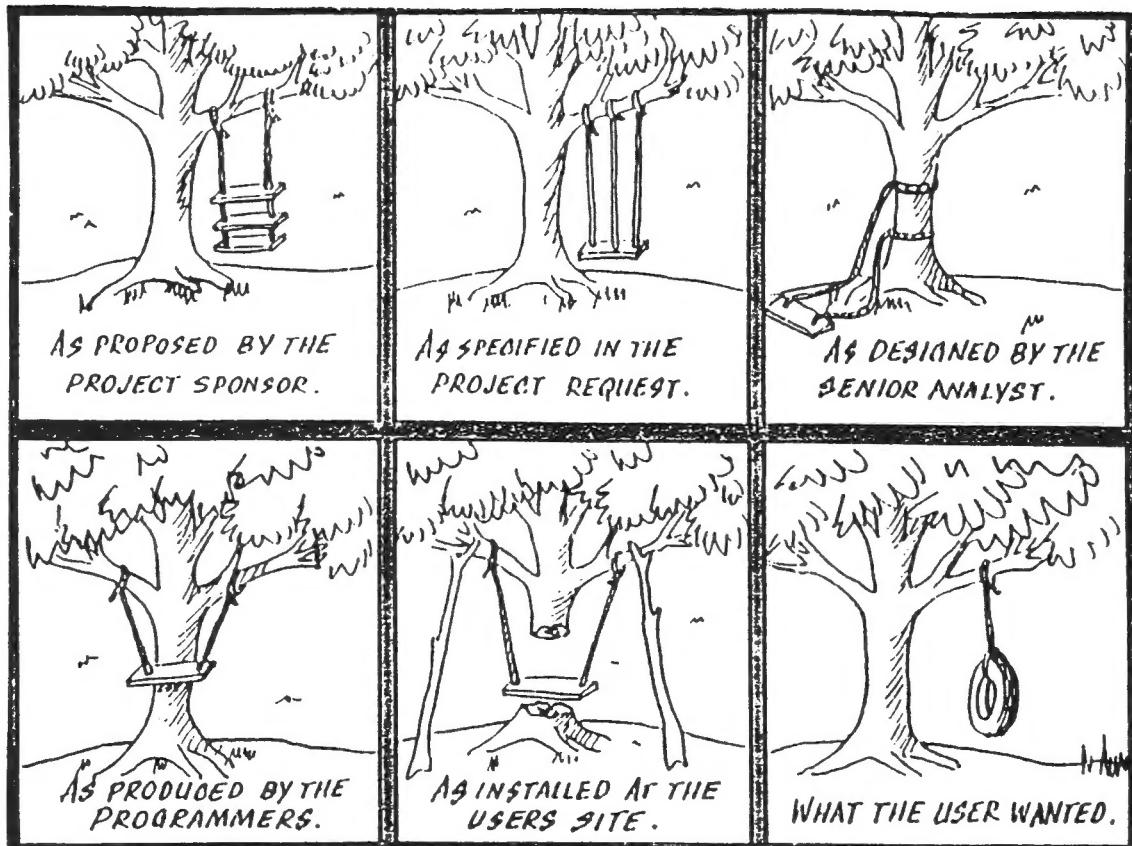
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The elections, since we could not even get a nomination committee's majority decided that the current officers were doing such a fine job that no other nominations were necessary. And since no one else volunteered the current officers were elected unopposed. Thanks folks.

Dick, our treasurer, reported on our finances. They are good. We still have money in the bank and our bills are paid. Please note dues are due as Jan. 1, 1991 was the end of the current year. The following due dues for 1991:

Bud Dankert, Armin Deneis, Mark Dorf,  
Jon Gardner, Rudy Hilsmann, Ken  
Kussmann, Duane Lorch, Ed Pawloski,  
Arnold Ramaker, John Schram, Jay  
Siegel.

FOR THOSE OF YOU WHO MAY HAVE MISSED IT!  
with this card (AND THOSE WHO WERE THERE!) . . . . .  
\*\*\*> RMG ENTERPRISES <\*\*  
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SMILING WOMAN



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# The Sinclair Milwaukee Users Group (SMUG)

We are a not-for-profit group devoted to serving the interests of those who own, use, and/or are interested in the Timex/Sinclair family of computers.

Editor and contact person is:  
Bill Heberlein (414) 527 2191.

SMUG maintains a gratis exchange of newsletters with approximately 30 Users Groups across the U.S. and Canada. Clubs not sending newsletters for more than 6 months are removed from our mailing list.

Newsletter subscription is available for only \$10 per year to non members or free with a club membership. A club membership is \$20 per year for a family membership.

Advertising cost for 1/2 page ad running for six months is \$10. The ad copy may be changed each month but you must supply the copy.

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FIRST CLASS MAIL



NITE-TIMES NEWS  
CATUG Newsletter  
613 Parkside Circle  
Streamwood, IL  
60107

The next meeting of SMUG will be held on:  
Wednesday, February 6, 1991

6:00 Set Up  
7:30 Business Meeting  
9:00 MODEM continued

Wednesday, March

6:00 Set Up  
7:30 Business Meeting  
9:00 MODEM continued  
Location:  
Equitable Savings and Loan,  
145th and Capital Drive,  
Milwaukee WI

January 1991

6:30 MODEM training using the QL  
8:30 Pick Up your Cup  
10:30 Clean Up  
6,1991  
6:30 MODEM training using the QL  
8:30  
10:30 Clean Up